

Teacher: \_\_\_\_\_

Date: \_\_\_\_\_

## Standards for Mathematical Practice: Kindergarten

### 1. Make sense of problems and persevere in solving them.

- Try a different way
- Does my answer make sense?

### 2. Reason abstractly and quantitatively.

- Students make sense of quantities and relationships
- Students contextualize situations during the problem solving process
- What does it mean when...

### 3. Construct viable arguments and critique the reasoning of others.

- Students can accurately use math terms to construct arguments
- Students can engage in discussions about problem solving strategies
- What do you think about what \_\_\_\_ said?

### 4. Model with mathematics.

- Students model real-life math situations with a number sentence or equation
- What number sentence represents your drawing/picture?
- How can we use symbols to represent what's happening?

### 5. Use appropriate tools strategically.

- Students have access and use appropriately the following tools: base ten blocks, hundreds number boards, number lines, concrete geometric shapes
- Students are able to determine their appropriate use
- How did using the tool help you solve the problem?

### 6. Attend to precision

- Students use grade level vocabulary appropriately
- Students check their work for accuracy
- Can you tell me why that is true?

### 7. Look for and make use of structure.

- Students look for patterns and structures in the number system
- Students realize that  $1+4=5$  and  $4+1=5$
- How do you know your rule will work?

### 8. Look for and express regularity in repeated reasoning.

- Students begin composing and decomposing numbers in different ways.
- There are 8 crayons in a box. Some are red and some are blue. How many of each could there be?